

## Colors Available

### SwivelStyle ESD™ Seating

"Conductive · Connected · Grounded"

**SwivelStyle ESD™** seating by **StaticStop.com** is ideal for Electronic Manufacturing, R & D Labs, Mission Critical 24/7 and Raised Access Floor Environments.

**SwivelStyle ESD™** seating is extremely affordable and one of the most rugged, ergonomic, and comfortable choices of ESD seating available on the market today.

For the optimum ESD Static Control Solution in your workspace, **SwivelStyle ESD™** seating should be used in conjunction with our **FreeStyle ESD™** or **SelecTile ESD™** hard surface interlocking floor tiles or our **new OhmStyle ESD™** soft surface static control carpet tiles.

#### Vinyl

#### Fabric



Blue 111



Grey 231



Black 542



Blue 211



Grey 131



Blue Navy 421



Blue 221



Grey 232



Charcoal 441



Blue 251



Grey 233



Blue 413



Burgundy 261



Burgundy 162



Blue 412



Grey 431



L. Burgundy 461



M. Burgundy 463



*"We incorporate conductive carbon monofilaments in the seat and back cushions, use a sturdy aluminum base, pneumatic mechanisms & hydraulic cylinders, padded arms, durable foot ring, 5 star base, ESD casters and drag chain to achieve the lowest generation and fastest dissipation results in the industry."*  
-Jeff Lampert, VP – Business Development

#### Bench/Stool Model



#### Electronics Applications

- Electronics Manufacturing
- ESD Labs
- Computer Repair Stations
- Tabletop Work Benches
- Inventory Stockrooms
- ESD Component Spaces
- Clean Rooms
- Pick & Place
- Wave Solder
- SMT
- Reflow
- Retail Electronics
- ESD Shelving Racks
- Plant Manager Offices

#### Desk/Task Model



#### Mission Critical Applications

- Server Rooms
- Command Centers
- Control Rooms
- Network Operation Centers
- 24/7 Monitoring Centers
- 911 Dispatch
- Networked Offices
- Data/Cyber Centers
- Air Traffic Control Towers
- Radar Control Desks
- Operator Service Centers
- TV Production Studios
- MIS/IT - Data Storage
- Securities Trading Floors

### SwivelStyle ESD™ Seating

- Clean Room: Controlled environmental atmosphere; models built to specific tolerances of environmental impurity.
- Electrostatic Dissipating: (ESD) On specific items, aluminum cast bases with controls to eliminate electrostatic buildup
- Ergonomic: Application of the science that coordinated the design of devices, systems and physical working conditions with the capacities and requirements of the worker
- Lumbar Support: Designed to support the lower back
- Pneumatic Mechanism: Mechanics by which the height of the chair is raised or lowered, by the compression and release of air from one chamber to another
- Casters: ESD Approved Casters with Lightning Bolt Logo

### **ARM RESTS**

All chairs available with or without ESD compliant armrests. Armrests available in fixed or adjustable varieties.

### **MATERIALS**

Aluminum bases with conductive Vinyl or Fabric upholstery. 3" double density foam.

### **SEAT SIZES**

Seat widths are 18, 20, and 21.5 Inches. Seat Depth is 18 Inches.

### **HEIGHTS**

Chairs are available in bench height or desk height varieties.

### **DURABILITY**

Chairs are designed for 24/7 use with a weight rating of 450 Pounds.

### Specification Sheet

This is to certify that the models CH-20S-FC, CH-20S-VC, CH-22S-FC and CH-22S-VC ARE ESD according to the standard test that we make on such chairs.

### Seating Resistive Measurements:

- Measure of fabric -  $10^6$  Ohms x Sq.
- Measure from back to seat -  $10^6$  Ohms
- Measure from back to chain -  $10^6$  Ohms
- Measure from back to floor -  $10^7$  Ohms
- Bench height chairs - 21" to 31" w/18" foot ring & w/aluminum base
- Desk/Tack height chairs - 17" to 22" w/aluminum base
- Fabric is 96% Polypropylene, 4% Carbon Infused Nylon
- Surface Resistance:  $10^6$  Ohms per Square
- Flammability: Passes California Tech. Bulletin 117
- Heavy Duty 450 pound capacity
- 18" wide, 18" deep seat
- 2.5" high resilient foam
- Standard back, 15.5" high, 16" wide

**SwivelStyle ESD™** conductive seating insures a safe, static-clear work area.

All patented conductive seating models are equipped with conductive seat cushions, back cushions, as well as all metal parts and the patented dual resistance system.

### **Operator safety is important:**

Many conductive chairs are used at test benches where operators could receive an electrical shock.

**SwivelStyle ESD™** uses dual resistors in the vertical gas lift column. These two resistors reduce the possibility of injury in production and test areas.

### Complete decay/dissipation is critical:

We pioneered the use of conductive fabric with a conductive backer. Without our patented system, following the path of a static charge on a seat cushion was very easy. It leaves smaller charges on the nonconductive filaments it passes on the surface. As each layer in a cushion is progressively more conductive, charges pass directly from the fabric to the backer, and then off the cushion. These fabrics have a higher resistance level surface than in the special latex backing material. This directs the static charges through the special fabric to the lower resistance latex backing layer, eliminating static "Echo Charges".

Castors: **SwivelStyle ESD™** chairs with polished aluminum bases are equipped with conductive casters.

Nylon base models use standard casters (ESD casters are optional) and a drag chain for conductivity and connectivity.

